

BALAMANIKANDAN PANDIARAJAN

S/O Pandiarajan P,
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Kamayagoundanpatti (Po) – 625 521,
Theni (DT),
Tamilnadu.
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CAREER SUMMARY

- Having 5 years of experience in Automotive domain as a Design Engineer
- Proficient knowledge in preparing a concept design and detailing the same with CREO 4.0
- Good experience in Reverse Engineering project
- Proficient knowledge in 3D solid modelling, surface modelling, sheet metal modelling, Assembly Modelling and drafting in CREO 4.0 & CATIA V5
- Knowledge in GD&T and Tolerance stack up analysis
- Good knowledge in preparing layout package study report
- Knowledge in Wind-chill and PDM Link environment
- Better understanding on Engineering practices, Techniques, standards & principles
- Active SAP user for drawing release
- Good verbal and written communication skills

WORK EXPERIENCE

- **Company** : MERITOR HVS INDIA LTD deputed by Merritt innovative solutions
- **Group/Function** : R&D, MCV & HCV Axles
- **Role** : Design Engineer
- **Duration** : 11th June 2018 to 31st Mar 2020

Roles & Responsibilities:

- Design & development of axles for Heavy vehicles based on customer requirement
- Continual improvement on the design based on the FEA & customer feedback
- Model created by considering DFMEA, DFA, DFS and packaging study
- Resolving design related issues with customer & cross functional team through Engineering change management (ECM)
- Created a drawing as per company standard & releasing the same in wind-chill
- Created SOP (Standard operating procedure) for production and service assembly actions
- Supported DVP preparation and testing the axles & suspension brackets

WORK EXPERIENCE

- **Company** : TVS MOTOR COMPANY deputed by Harita tech serv ltd
- **Group/Function** : R&D, Three wheeler, Suspension and axle system
- **Role** : Design Engineer
- **Duration** : 12th June 2015 to 2nd June 2018

Roles & Responsibilities:

- Design and development of axle and suspension system components for three wheeler
- Creating concepts on drive shaft sub system parts to resolve customer complaint and trade off the concepts
- Design optimization of suspension bracket and drive axle on part of VAVE activity.
- Carry out packaging and interfacing checks on systems and prepared a report
- Created a detailed 2D drawing as per company standard
- Resolving design related issues with various cross functional departments
- Conduct benchmark study and prepared a report for the same

EDUCATIONAL PROFILE

Course	Institution	University/ Board	Year of passing	Aggregate
BE (Mechanical Engineering)	Bannari Amman Institute of Technology, Sathyamangalam.	Anna University	2015	8.83 CGPA
HSC	S.U.M Higher Secondary School, Royappanpatty	State Board	2011	91.75%
SSLC	S.U.M Higher Secondary School, Royappanpatty	State Board	2009	90.4%

PERSONAL INFORMATION

- **Date of birth** : 11-Jun-1994
- **Gender** : Male
- **Marital status** : Single
- **Mother's name** : Mahalakshmi P
- **Nationality** : Indian
- **Languages known** : Tamil, English, Kannada

DECLARATION

I hereby declare information furnished above is true and correct to the best of my knowledge

Place : Madurai

Date : (BALAMANIKANDAN P)